

Botanical and Ecological Milestones

Plants & Nature · Answer Key · 8 Questions

1. In what year was Gregor Mendel's seminal work on pea plant inheritance, 'Experiments on Plant Hybridization,' published?

- A) 1856
- B) 1866**
- C) 1876
- D) 1886

2. The Amazon rainforest, the largest tropical rainforest in the world, covers approximately what percentage of South America's land area?

- A) 5%
- B) 10%**
- C) 15%
- D) 20%

3. What is the scientific name for the common sunflower, known for its heliotropic behavior?

- A) *Rosa gallica*
- B) *Helianthus annuus***
- C) *Quercus robur*
- D) *Zea mays*

4. Mount Everest, the Earth's highest mountain above sea level, is located in which mountain range?

- A) The Andes
- B) The Rockies
- C) The Himalayas**
- D) The Alps

5. The Great Barrier Reef, the world's largest coral reef system, is comprised of over how many individual reefs?

- A) 100
- B) 500
- C) 1,500
- D) 2,900**

6. In what year was the Endangered Species Act signed into law in the United States?

A) 1964

B) 1973

C) 1980

D) 1992

7. The oldest living tree on Earth, a Great Basin Bristlecone Pine named 'Methuselah,' is estimated to be over how many years old?

A) 2,000

B) 3,000

C) 4,000

D) 5,000

8. What is the approximate number of known species of flowering plants (angiosperms) currently existing on Earth?

A) 100,000

B) 250,000

C) 350,000

D) 500,000